GRUNDIG

# Digital TV Recorder

INSTRUCTION MANUAL

## GPVR1250

Grundig Helpline: 1800 509 394 Australia
Grundig Helpline: 0800 450 259 New Zealand

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## Introduction

### About This Manual

This User Guide contains all the information you need to know about how to setup and watch free view channels using your set top box.

### What is DVB-T?

It works like traditional TV, but because the signals are digital you need a set top box to convert them. This means more channels can be transmitted with extra features such as interactivity and wide screen pictures.

### Accessories In the Box

Remove your digital set top box carefully from the box and remove the packaging from each part.

You will find the following items:

- Digital set top box with fitted mains plug
- Remote control with 2xAAA batteries (not installed)
- Instruction Manual
- AV cable
- RF loop through cable

**Look out for this symbol. It indicates useful and important tips.**

DVB
**D**igital **V**ideo
**B**roadcasting

Trademark of the DVB Digital Video Broadcasting Project(1991 to 1996)

## Safety Information

### Safety is Important

To ensure your safety and the safety of others, please ensure you read the Safety Instructions before you operate this product.

*Keep this information in a safe place for future reference.*

*Please read all the safety information before use.*

### Safety Considerations

- Position the cables so that they cannot be walked on or pinched by items placed on or against them.
- Do not use the set top box in humid or damp conditions.
- Do not allow the set top box to get wet.
- Do not expose the set top box to dripping or splashing.
- Do not place water filled objects such as vases on top of the set top box.
- Do not place naked flame sources, such as candles, on top of the set top box.

### Cleaning

- Always unplug the set top box before you clean it.
- Do not use liquid or aerosol cleaners.
- Clean the set top box with a soft, damp (not wet) cloth.

### Ventilation

- The slots and openings on the set top box are for ventilation. Do not cover or block them as it may cause overheating.
- Never let children push anything into the holes or slots on the case.

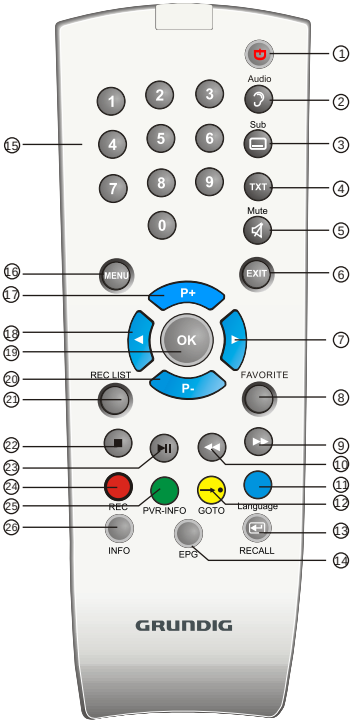
### Servicing

- There are no user serviceable parts in this set top box.
- When servicing refer to qualified service personnel.
- Contact the Bush helpline on **1800 509 394** in Australia or **0800 450 259** in New Zealand if you are ever in doubt about the installation, operation or safety of this unit.

### Battery Disposal

- Please ensure batteries are disposed of safely.
- Never dispose of batteries in the fire or with household waste.
- Check with your local authority for disposal regulations.

# Remote Control



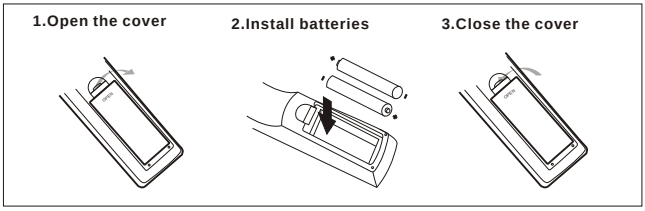

## Remote Key Function:

**1) STANDBY:** Used to switch the set top box to on or standby.
**2) AUDIO:** Used to set the sound output, the available settings are STEREO, LEFT, RIGHT, MONO.
**3) SUBTITLE:** Used to switch among different subtitles that are broadcasted.
**4) TEXT:** Used to open teletext OSD display if teletext available in the broadcasted stream.
**5) MUTE:** Used to turn the sound on or off.
**6) EXIT:** Used to return to the previous screen or menu.
**7) VOL+:** Used to move around the menu screens or changing the volume in non-menu state.
**8) FAVORITE:** Used to access your favourite channels.
**9) FAST FORWARD:** Used to adjust the fast forward speed if in HDD playback mode.
**10) FAST BACKWARD:** Used to adjust the fast backward speed in HDD playback mode.
**11) BLUE key / LANGUAGE:** Used to implement different functions in menus according to the help information or switch among different audio languages that are broadcasted in non-menu state.
**12) YELLOW key / GOTO:** Used to implement different functions in menus according to the help information or select the playback start time in HDD playback mode.
**13) RECALL:** Used to switch between the last two viewed channels.
**14) EPG:** Used to display information about the program being viewed and what's on next.
**15) NUMBER KEYS:** Used to select channel numbers or input numbers in menus.
**16) MENU:** Used to open the main menu window or return to the previous screen or menu.
**17) CH+:** Used to move around the menu screens or selecting the channels in non-menu state.
**18) VOL-:** Used to move around the menu screens or changing the volume in non-menu state.
**19) OK:** Used to confirm a selection within a menu.
**20) CH-:** Used to move around the menu screens or selecting the channels in non-menu state.
**21) RECORD LIST:** Used to view the recorded program list.
**22) STOP:** Used to stop the current recording or stop the HDD playback back to DTV mode.
**23) PLAY/PAUSE:** Used to resume the playback if stopped or in time shifting mode(FF,FB, PAUSE etc) or pause the the current picture or do time-shifting.
**24) RECORD:** Used to implement different functions in menus according to the help information, or record the current viewed channel directly, or select the record duration if pressed again in non-menu state.
**25) PVR INFO:** Used to implement different functions in menus according to the help information or display the time information and progress bar and play state in HDD playback mode.
**26) INFO:** Used to display information about the channel being viewed or further information about the program when in small EPG screen.

**Note: SUBTITLE/TEXT/LANGUAGE may not available for all channels.**

### Installing the Batteries

Remove the battery cover from the remote control and put place 2 x AAA size batteries inside the compartment. Make sure to match the + and - of the batteries with the marks inside the battery compartment




### Using the Remote Control

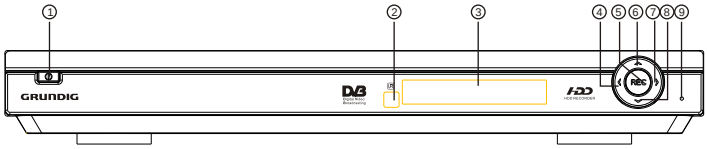
To use the remote control, point it towards the front of the digital set top box. The remote control has a range of up to 7 metres from the set top box at an angle of up to 60 degrees.

The remote control will not operate if its path is blocked.

**Sunlight or very bright light will decrease the sensitivity of the remote control.**

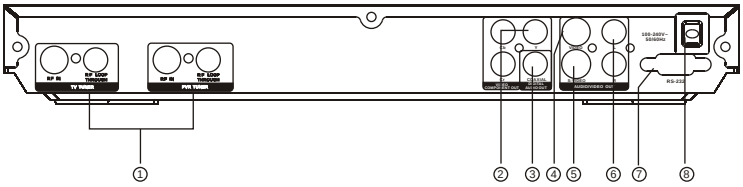
## Front Panel and Rear Panel Illustration

**1. Front panel**




**1) POWER BUTTON:** Used to switch the main power of the set top box to on and off.
**2) REMOTE CONTROL SENSOR:** Used to receive the signal from the remote control.
**3) LED DISPLAY:** Used to display the channel number and time information and other play states.
**4) VOLUME DOWN:** Used to decrease the volume without using the remote control.
**5) RECORD:** Used to record the program manually, and select the record duration if pressed it again.
The user can change the watching channel if recording the specific program
**6) CHANNEL UP:** Used to change channels without using the remote control.
**7) VOLUME UP:** Used to increase the volume without using the remote control.
**8) CHANNEL DOWN:** Used to change channels without using the remote control.
**9) STANDBY INDICATOR:** Used to visually show power state of the set top box,
the red LED will be lit if the set top box entered standby mode.

**2. Rear panel**

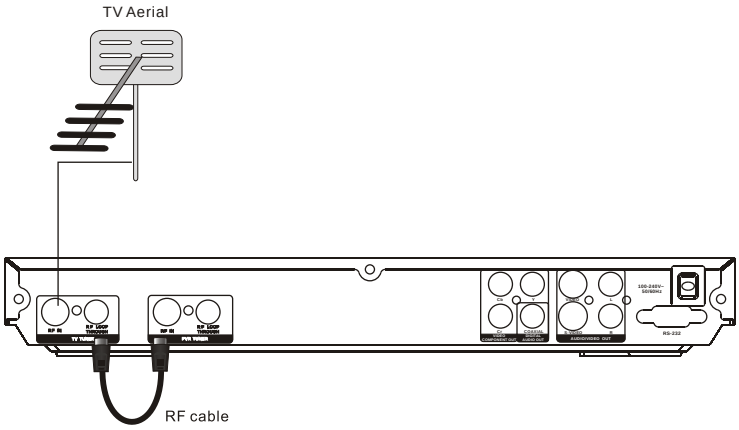



**1) RF IN / RF LOOP THROUGH (PVR and TV tuner)**
PVR/TV RF IN socket connects to your external aerial. PVR/TV RF LOOP THROUGH socket will bypass the input RF signal to another tuner or your TV or another video system.
See connection pages for details
**2) VIDEO COMPONENT (Y,Cb,Cr):** These sockets output component video signal.
**3) COAXIAL:** This socket connects to a coaxial socket on your surround sound system to output digital audio.
**4) VIDEO:** This socket outputs composite video signal.
**5) S-Video:** This socket outputs separate Y/C video signal.
**6) AUDIO L/R:** This socket outputs analog audio L/R signal.
**7) RS-232 PORT:** This socket is only used for software upgrade.
**8) MAIN POWER CABLE:** This is used to connect to your main power supply.

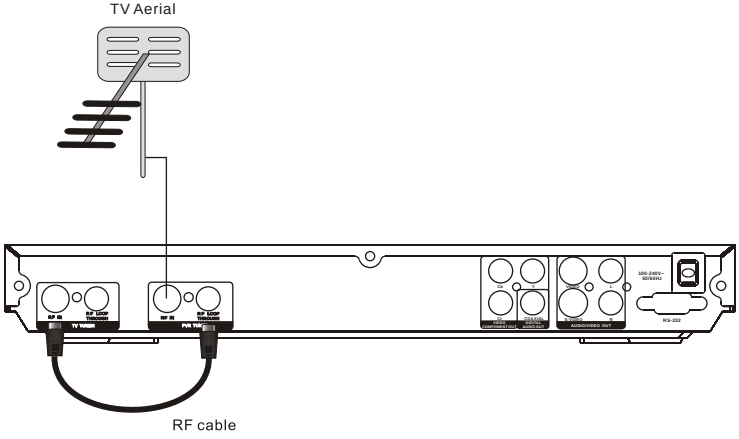
## Connecting to Television Aerial and RF cable

There are 2 kinds of connections for the TV aerial and RF cable presented below:

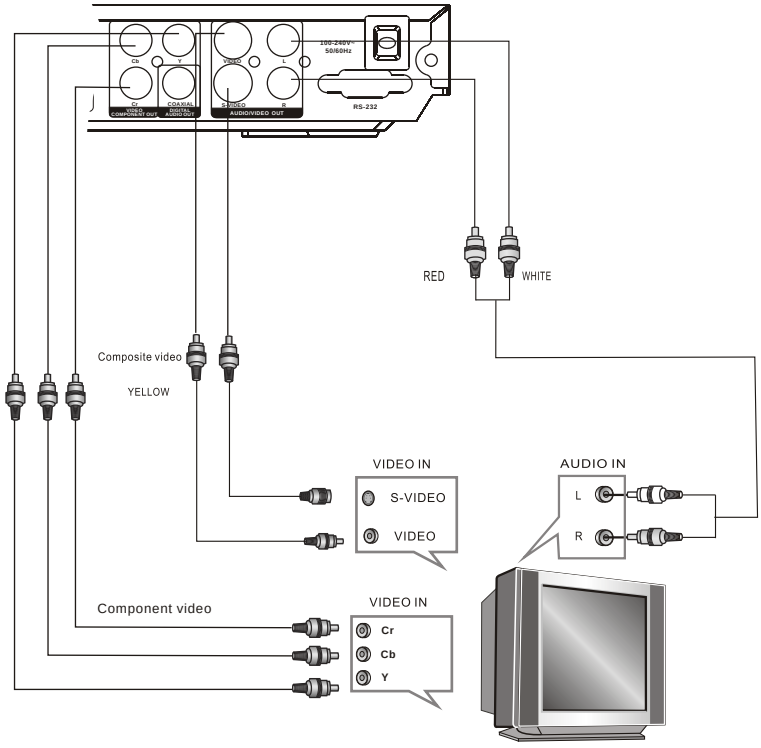
1.



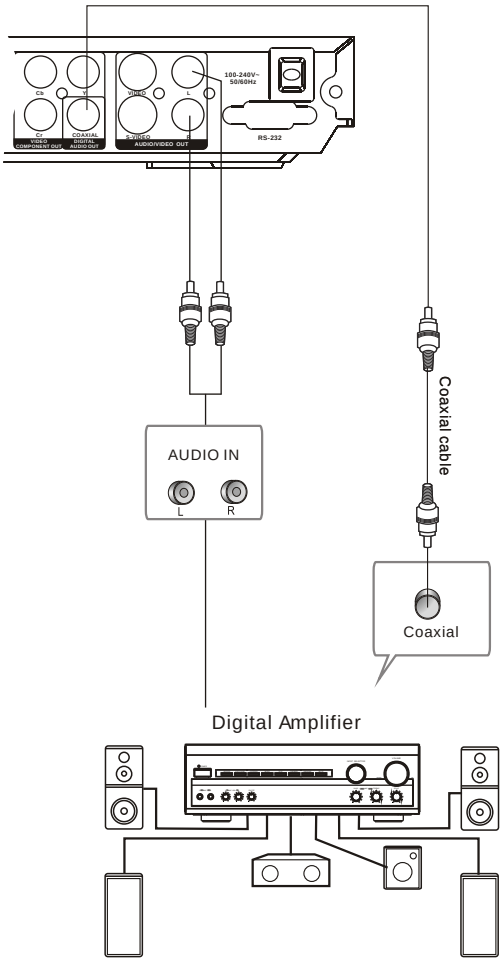

2.



## Connecting to a Television



## Connecting to a Surround Sound System



### Switching On for the First Time

Ensure all connections have been made following the diagrams on the previous pages for reference.
To switch on the set top box, press the button on the set top box.
(To turn the set top box to standby mode, press button on the remote control).

Switch on the TV and select the AV programme channel(EXT,AV, External Source or similar). Your set top box will automatically scan.
Scan finished will display for a moment on TV after all stations are found and automatically stored. If you want to scan again, follow the procedure below:

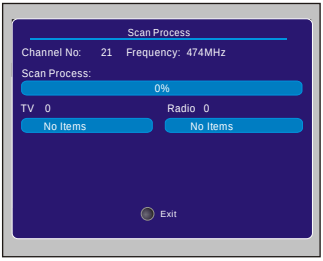
Press **MENU** button on the remote control, the set top box main menu will display.

### 1. Channel setting

Select the **Channel Setting** menu by using the arrow buttons on the remote control.
Press the OK button when the **Channel Setting** menu is highlighted.
Press OK button again when **Channel Search** is highlighted.

Select the **Auto Scan** tab by using the arrow and the OK buttons on the remote control.

Press the OK button when the **Start Search** tab is highlighted. The following menu will display.




The set top box will scan for all the available digital TV and radio stations available in your area.

There is also a progress bar shown as a percentage.

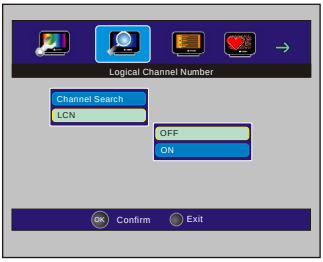
**Do not turn off the set top box until the digital TV and radio stations have been stored. Otherwise you will need to scan them again.**

You are now ready to start viewing and listening to your digital tv and radio channels.

## LCN On/Off

LCN(Logical Channel Number): A number that uniquely identifies a logical channel.

Select the **LCN** option in the **Channel Setting** menu using the arrow buttons. Press the OK button when selected. The following menu will be displayed.




The **LCN On/Off** option allows you to select how your channel number will be displayed in the channel list or selected when pressed the digits key.

## 2. System Setting

From here you can set the Time, Sleep timer, Language, Parental settings, A/V settings, PVR setting or revert to the factory settings.

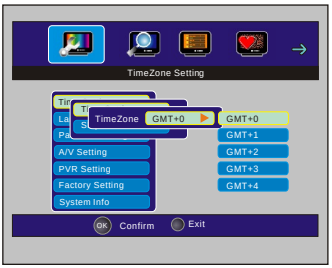
### ① Time Setting

Press the **MENU** button and select **System Setting** option using the arrow buttons.

Press the OK button when selected. The following menu will display.

### Time Zone Setting

Select **Time Zone Setting** option using the arrow button. Press the OK button when selected. The following menu will display.




Press the or buttons until the correct time zone is displayed.

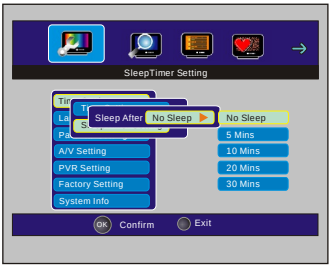
Press the OK button to confirm your selection.

**The time zone can't be changed if the broadcast stream have time zone information. That means the user setting will only take effect if there is no time zone information in the stream.**

### Sleep Timer Setting

Open the **Time Setting** menu as previously explained. Highlight the **Sleep Timer setting** option using the arrow buttons.

Press the OK and button and the menu below will be displayed.

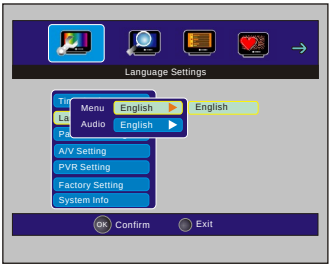



Press the or button to select the sleep time.

Press the OK button to confirm your selection.

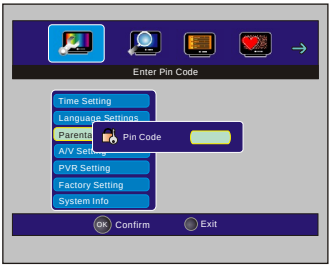
② **Language Setting**

Select the **Language Setting** option using the arrow buttons.
Press the OK button when selected. The following menu will display.




③ **Parental Setting**

Select the **Parental Setting** option using the arrow buttons. Press OK button when selected.




Enter the right Pin Code then press the OK button. If the Pin code is entered incorrectly, **Pin Code Error** will be displayed.
Use the ▲ or ▼ buttons to select the required option, then press the OK button to confirm.

**Change Pin Code**

The Change Pin Code menu allows you to change the password, which currently defaults as **6666** .
Enter you new **PIN** code using the numerical buttons on the remote control.

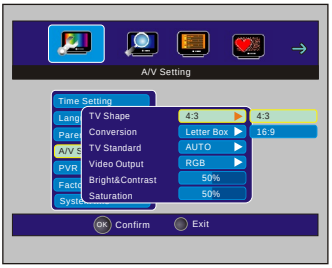
Press the button and enter the new PIN code again.

Press the OK button to confirm the new PIN code.

**Please note that your new PIN code must contain 4 digits.**

④ **A/V Setting**

Select the **A/V Setting** option using the arrow buttons. Press the OK button when selected. The following menu will display.




To change the settings, first use the or buttons to select the required menu, then use the or buttons to select the new option required.

**TV Shape**

You can select either 4:3 or 16:9 format. 4:3 should be used for standard square shaped television screens, and 16:9 should be used for wide screen rectangular shaped television screens.

**Conversion**

You can select Full Frame, Pan Scan or Letterbox. Choose the setting which best matches your television.

**Standard**

The standard setting is used to set the signal input to your TV. There are two different standards available on your set top box, PAL and NTSC.
If you are In Australia PAL is the standard format.

**If NTSC is chosen for your televisions you may experience interference and picture rolling.**

### Video Output

The Video Output setting is used to set the colour signal to your TV. There are 3 different settings available on your set top box: S-Video, CVBS, YCbCr. If you are unsure which setting to use consult the manufacturer's manual for your television.

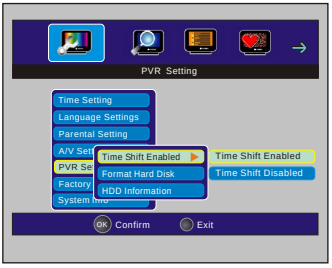
**If S-Video/YCbCr is chosen for a non compatible television, you will typically experience a washed out or a ghosted effect picture.**

### Brightness and Contrast/Saturation

You can use ◀ and ▶ buttons to adjust the brightness and contrast or saturation of the video output.

### ⑤ PVR Setting

Select the PVR setting option using the arrow buttons. Press the OK button when selected. The following menu will display.




### Time Shift Enabled/Disabled

This enables or disables the time shift function. The duration is up to 1 hour.

### Format Hard Disk

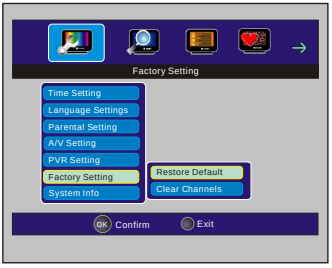
Formatting is necessary when using the hard disk for the first time. The system will auto reset after the successful formatting

### HDD Information

It will show the HDD capacity.

## ⑥ Factory Setting

Select the **Factory Setting** option using the arrow buttons. Press the OK button when selected. The following menu will display.




### Restore Default

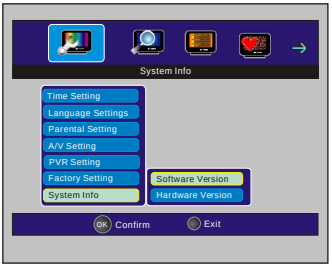
The **Restore Default** menu allows you to reset the menu settings.

### Clear Channels

The **Clear Channels** menu removes all channels from the Channel list. To restore the channel list, you will need to rescan.

## ⑦ System Info

The System Info menu displays the software version and hardware version.



## 3. Channel List

The channel list is used to look at all the broadcasting TV or Radio channels received by the set top box.

To access the channel list press the OK button in the non-menu state.

To edit the channel list, press the **MENU** button and select **Channel List** using the arrow keys, press the OK button when it's highlighted.

To view a different channel, press either the or button, each channel selected will be previewed in the upper right hand box.

To switch between TV and Radio channels, press the RED button.

To view/listen to a channel, press the OK button.

To Lock&Unlock/Delete/Move a channel, press the button.

To lock a channel and prevent people from watching it, highlight the channel that you want to lock by using either or button, press the button, press the OK button when highlight Lock&Unlock in the pop up menu. Enter the right PIN code in the following PIN code form, the channel will be locked, a lock icon will be displayed at the back of the channel name after a successful lock operation. If the PIN code is entered incorrectly, the "Pin Code Error" message will be displayed which indicate the operation failed. Unlock operations work similar to the above lock operations.

## 4. Favourite List

The favourite list is used to store your frequently watched channels without having to search them in the Channel List or EPG menus.

To edit the favourite list, press the MENU button and select Favourite List using the arrow keys, press the OK button when it's highlighted.

**Adding a Favourite Channel**

First use the RED button to select a favourite group, the choices are News, Movie, MTV, Finance, Other. Then press the button and OK button to enter the pop up Add menu, select the channel you want to add to the specific favourite group then press the OK button, the added channel will be displayed in the left hand column. Repeat the same procedure until all your desired channels have been added to the specific favourite group.

**Deleting a Favourite Channel**

First use the RED button to select a favourite group. Select the channel that you want to delete in the favourite list menu using the or button, press the and button to enter the pop up Delete menu, then press the OK button to enter delete confirmation menu, press the OK button to delete the selected channel from the favourite list and press the EXIT button to cancel the delete.

**Viewing a Favourite Channel**

To access the favourite list quickly without edit, press the FAVOURITE button directly in non-menu state or other menus.

To change the favourite group, press the RED button.

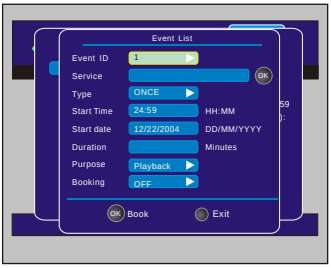
Select the desired favourite channel using the or button, press the OK button to confirm when highlighted, now you can watch the selected channel.

## 5. Booking List

The booking list is used to display all the booking events you have in the EPG menu or you have added manually. The booking list menu is displayed below:

It will display the event ID, start time, duration, purpose(playback or record) for each event.

To add a booking event manually, press the OK button in booking list menu, the event list menu will display:



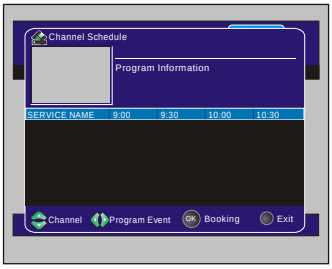

The user can change the event ID using the button to start a new booking event, press the OK button to select the booking channel, the booking type can be ONCE, DAILY, WEEKLY. The start time and start date and duration should be valid, the booking purpose can be Record or Playback, after all the above selection is ok, switch the booking to on, the booking will take effect if no invalid selection, otherwise the related error message will display.

## 6. EPG Menu (Electronic Programme Guide)

The EPG menu is used to look at what is being broadcast on a TV or Radio channel later in the day.

To access the EPG menu, press the **MENU** button and select the EPG menu using the arrow keys. When it is highlighted press the OK button to access.

The following menu will display:




A preview of your current channel will be displayed in the upper left hand box.

The detailed program information of your current viewed channel will be displayed in the upper right hand box.

To see what is going to be broadcast after this programme, press the button to change the time. Each press of the button will increase by half an hour. Pressing the will move the time back half an hour.

To view a different channel press either the button or button.

Each channel selected will be previewed in the upper left hand box.

To book a desired channel for later watching or recording, press the OK button.

To exit the EPG menu and watch the selected channel, press the **MENU** or EXIT button.

## Record Operations

Before using the record operations, please check the two tuner(TV/PVR tuner) connections in connection pages.

**Watch One Channel While Recording Another**

The recording will receive the digital TV signal from the PVR tuner and the watching will receive the digital TV signal from TV tuner, this makes it possible to watch one channel while recording another channel.

There are 3 kinds of methods to start a recording:

1). Press the RECORD key while watching the live TV, the recording of the current channel will start in several seconds, you can press the RECORD key again while recording started to set the duration of the recording, the default duration is 2 hours.

2). Schedule Recording in full EPG menu, press the OK button to booking a recording once you selected a valid column.

3). Schedule Recording in Booking List menu, press the OK button to start a new booking event. Please prefer to former Booking List page for detail.

Once recording takes effect, the user can change the current viewed channel as they want while the system is still recording at the background.

**Time-Shifting Function**

Have you been interrupted with a phone call or the doorbell while watching live TV programs, inevitably missing out on a crucial scene? Pause and replay live TV shows by simply pressing the Pause button and then Play button to pick up right where you left off. Just like the live TV mode, This PVR recorder provides a slew of file playback functions such as pause, instant replay, time-shifting with the scroll bar, fast-forward, rewind and so on.

**Changing the viewed channel while recording**

Press the CH+/- keys to change the watching channel while the PVR is doing background recording.

**The user can only record the programs they want from the PVR TUNER.**

**The RECORD button.**

Pressing the **RECORD** button, the record will start, you can press and to change your watching channel while recording the specific program.

**The STOP button**

Press the **STOP** button will stop the current recording.

**The PVR INFO button**

Press this button and time information and progress bar will be displayed when recording or playback of the program.

**The REC List button**

Press this button and the recorded program list will be displayed. You can Play/ Continue/Rename/Delete/Lock&Unlock the recorded program.

**The button , SLOW and PAUSE button.**

If the Time Shift function is enabled in System Setting/PVR Setting, you can use these buttons to do time shifting feature.

## Help and Advice

| Problem | Probable cause | What to do |
|---|---|---|
| Standby light not lit | Mains lead unplugged<br>Mains fuse blown | Check mains lead<br>Check fuse |
| No signal found | Aerial is disconnected<br>Aerial is damaged/misaligned<br>Out of digital signal area | Check aerial lead<br>Check aerial<br>Check with dealer |
| No picture or sound | AV connect error | Check AV cable |
| Encrypted channel message | It is a pay per view channel | Select an alternative channel |
| No response from remote control | Set top box is switched off<br>Remote control is not aimed correctly<br>Front panel obstructed<br>Remote control batteries inserted incorrectly<br>Remote control batteries exhausted | Plug in and turn on set top box<br>Aim remote control at front panel<br>Check for obstructions<br>Check batteries are inserted correctly<br>Replace remote control batteries |
| Square blocks in picture or picture freezes | Aerial may not be compatable<br>Aerial is damaged/misaligned | Check with dealer<br>Check aerial |

**If none of the above suggestions seem to work, try switching your set top box off and then on again. If this does not work, contact the service helpline.**

## Technical Specifications

**Power Supply**

| | |
|---|---|
| Input Voltage | 100-240V~ 50/60Hz. |
| Power Consumption | Maximum 15W, Standby 5W. |

**Decoder**

| | |
|---|---|
| Video Formats | SD, 4:3/16:9 Switchable. |
| Audio Format | MPEG Layer I & II,32/44.1/48Khz. |
| Video Outputs | CVBS, S-Video, YCbCr |

**Connections**

| | |
|---|---|
| Main Power Cable | Fixed Type |
| Tuner | 2 Antenna Input/ 2 Therefore Output |
| RS-232 | 1 for software upgrade |
| RCA | 1 CVBS output |
| | 1 R/L output |
| | 1 COAXIAL SPDIF digital audio output |
| | 1 YCbCr output |
| S-VIDEO | 1 S-VIDEO output |

This symbol on the product or in the instructions means that your electrical and electronic equipment should be disposed at the end of life separately from your household waste.

For more information please contact your local authority.

## Guarantee

Please keep your receipt as proof of purchase. This product is warranted for any defect in materials or workmanship for one year after the original date of purchase. This product is for normal domestic and office use only. This warranty does not cover damage from misuse or neglect, accidental damage, vermin infestation, excessive voltages such as lightning or power surges or any alteration that affects the performance or reliability of the product.

If guarantee is required please contact the Grundig Helpline 1800 509 394 (within Australia) or 0800 450 259 (within New Zealand). Have your receipt of purchase on hand

**This guarantee is subject to the following provisions:**

- It is only valid within the boundaries of the country of purchase.
- The product must be correctly assembled and operated in accordance with the instructions contained in this manual.
- The product must be used solely for domestic purposes.
- The guarantee does not cover accidental damage, misuse, cabinet parts or consumable items.
- The guarantee will rendered invalid if the product is resold or has been damaged by inexpert repair.
- The manufacturer disclaims any liability for incidental or consequential damages.

**This guarantee is in addition to, and does not diminish, your statutory or legal rights.**

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http://www.grundig.net.au
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Grundig Helpline: 0800 450 259 New Zealand